



- NOTES:
1. PROVIDE A 1 1/2" HIGH POINT VENT AND A 2" LOW POINT DRAIN WITH INSULATING FLANGES AT EACH ISOLATION PIT WITH THE DRAIN CONNECTIONS AT THE HIGHER SIDE OF THE VALVE WHEN LOOKING AT THE SLOPE OF PIPE. (AT THE VALVE) AND THE VENT CONNECTION AT THE LOWER SIDE OF THE VALVE. VENT AND DRAIN SHALL BE INACCORDANCE WITH SPECIFICATIONS AND VALVES AND QUICK DISCONNECTS SHALL BE LOCATED ABOVE THE GRATE. PROVIDE A 1/8" THICK BUNA-N WRAP AROUND THE VENT AND DRAIN PIPE AT THE SUPPORTS.
  2. PIT LID HINGE TO BE PARALLEL TO THE AIRCRAFT CENTERLINE AND LID TO OPEN TOWARD THE AIRCRAFT (OR AS DIRECTED BY THE COMMAND FUEL FACILITIES ENGINEER).
  3. PIT SERVICE SHALL BE INTEGRALLY CAST W/1/16" LETTERS ON THE PIT LID.
- NOTES TO THE DESIGNER:
1. ALL PITS SHOWN ON THIS SHEET ARE FOR ON-APRON OR ON-SHOULDER USE.
  2. METHOD OF PIT DRAINAGE SHALL BE AS DETERMINED BY THE COMMAND FUEL FACILITIES ENGINEER.
  3. BRANCH LINE SIZE IS SIZE OF VALVE OR PER SURGE ANALYSIS.
  4. PROVIDE LEAK DETECTION PIPE AS DIRECTED BY THE COMMAND FUEL FACILITIES ENGINEER.
  5. PROVIDE A PRESSURE RELIEF VALVE AROUND THE PLUG VALVE WHERE DIRECTED TO BY THE COMMAND FUEL FACILITIES ENGINEER. THE DIRECTION OF RELIEF SHALL DEPEND ON THE DIRECTION OF OTHER RELIEFS OR A PRODUCT RECOVERY TANK. ENSURE THE CASCADING PRESSURES DON'T ADD UP TO MORE THAN THE PIPING PRESSURE CLASS.

\$\$ - THINK VALUE ENGINEERING - \$\$				
REVISIONS				
SYMBOL	DESCRIPTIONS	DATE	APPROVED	
ROBERT AND COMPANY 46 POPLAR ST., N.W. ATLANTA, GA 30335		US ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NE		AIR FORCE C.E. SUPPORT AGENCY 139 BARNES DRIVE, SUITE #1 TYNDALL AFB, FL 32483-5319
DESIGNED BY:	J. J. P.	<b>AIR FORCE STANDARDS</b> <b>PRESSURIZED HYDRANT FUELING SYSTEM</b> <b>TYPE III</b> <b>FUEL PIT DETAILS</b> <b>(ON APRON)</b>		
DRAWN BY:	P. R. W.			
CHECKED BY:	M. T. S.			
REVIEWED BY:	S. G. E.			
SUBMITTED BY:	CHIEF, MECH. SECTION	PLOT SCALE RATIO: 1:12 DESIGN FILE: SD18MD02.DGN SPEC. NO.:	DATE: REV. #1 NOV. 1998 DRAWING CODE:	SHEET REFERENCE NUMBER: MD.2
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